



ENERGY STAR CERTIFIED

**Computers (Bold)**

## ASUS - X512F Series : X512F

## Specifications

|                                                                                                                                                                  |              |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| ENERGY STAR Unique ID:                                                                                                                                           | 2370162      |
| Brand Name:                                                                                                                                                      | ASUS         |
| Model Name:                                                                                                                                                      | X512F Series |
| Model Number:                                                                                                                                                    | X512F        |
| Type:                                                                                                                                                            | Notebook     |
| Category 1: Processor Brand:                                                                                                                                     | Intel        |
| Category 1: Processor Name:                                                                                                                                      | Core i5      |
| Category 1: Base Processor Speed Per Core (GHz):                                                                                                                 | 1.6          |
| Category 1: Physical CPU Cores (count):                                                                                                                          | 4            |
| Category 1: System Memory (GB):                                                                                                                                  | 12           |
| Category 1: Default Low-power Mode:                                                                                                                              | Sleep Mode   |
| Category 1: Long Idle Power Used for Sleep Mode:                                                                                                                 | No           |
| Category 1: Off Mode (watts):                                                                                                                                    | 0.3          |
| Category 1: Sleep Mode (watts):                                                                                                                                  | 1.0          |
| Category 1: Long Idle (watts):                                                                                                                                   | 2.5          |
| Category 1: Short Idle (watts):                                                                                                                                  | 4.3          |
| Category 1: Base TEC Allowance (kWh):                                                                                                                            | 8            |
| Category 1: Functional Adder Allowances (kWh):                                                                                                                   | 18.0         |
| Category 1: TEC of Model (kWh):                                                                                                                                  | 17.2         |
| Notebooks, Desktops, Integrated Computers, Slate/Tablets, Two-in-one Notebooks, and Portable All-in-ones Category for TEC (Typical Energy Consumption) Criteria: | 1            |
| Category 1: Operating System Name:                                                                                                                               | Windows 10   |
| Sleep Mode Default Time Upon Shipment (min.):                                                                                                                    | 30           |
| Display Sleep Mode Default Time Upon Shipment (min.):                                                                                                            | 10           |
| Will the Speed of Any Active 1 GB/s or Higher Ethernet Network Links be Reduced to Less Than 1 GB/s When Transitioning to Sleep or Off Mode?:                    | No           |
| Ethernet Capability:                                                                                                                                             | No           |
| Touch Screen:                                                                                                                                                    | No           |

|                           |                                                   |
|---------------------------|---------------------------------------------------|
| Date Available On Market: | 2019-01-28                                        |
| Date Certified:           | 2020-10-13                                        |
| Markets:                  | United States, Switzerland, Taiwan, Japan, Canada |
| ENERGY STAR Certified:    | Yes                                               |

## Additional Model Information

X512F Series,A512F,; X512F Series,F512F,; X512F Series,K512F,; X512F Series,R564F,; X512F Series,S512F,; X512F Series ,V512F,

Captured On:  
06/06/2025